



January 4, 2019

Andrew Barnsdale
Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: Monthly Report Summary #13 for the South Orange County Reliability Enhancement (SOCRE) Project

Dear Mr. Barnsdale:

This report provides a summary of the compliance monitoring activities that occurred during the period from **November 1 to 30, 2018**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between November 1 and 30, 2018, to ensure all project-related activities conducted by San Diego Gas and Electric (SDG&E) and their contractors were in compliance with the Final Environmental Impact Report (Final EIR) for the SOCRE Project, as adopted by the California Public Utilities Commission (CPUC) on December 15, 2016.

The CPUC has issued the following Notices to Proceed (NTPs) for the SOCRE Project to SDG&E:

- NTP #1 (October 13, 2017): Geotechnical investigation and hazardous materials abatement at the future San Juan Capistrano Substation.
- NTP #2 (December 18, 2017): Conduct site preparation activities and construction staging at the future San Juan Capistrano Substation.
- NTP #2 Addendum #1 (March 23, 2018): Modified alignment of the interior fence separating the upper and lower yards, removal of three de-energized 138-kilovolt (kV) rack structures, and associated hazardous materials abatement activities.
- NTP #3 (April 27, 2018): Rebuild and upgrade of the San Juan Capistrano Substation.
- NTP #4 (October 29, 2018): Transmission and Distribution Line Work.

The Ecology and Environment, Inc. (E & E) compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The CPUC/E & E compliance monitoring team visited the San Juan Capistrano Substation site on November 2, 7, 15, and 27, 2018. E & E site inspection reports that summarize observed construction activities and compliance events, as applicable, and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Project activities in November 2018 were covered under NTP #1, NTP #2, NTP #2 Addendum #1, and NTP #3. Construction activities authorized under NTP #4 had not commenced in November 2018. Construction activities during November 2018 took place within the San Juan Capistrano Substation site and included continuation of site preparation activities, inspections, over excavation and recompacting, hauling concrete and asphalt offsite, grounding the chain link security fence at the northern property line, damp proofing and installing the subdrain at the north and south screen walls, backfilling at the north and south screen walls, constructing and pouring a brow ditch at the north screen wall, excavating footings for the west wall (including forming rebar and pouring concrete), excavating the 12 kV vaults for conduit installation and slurry backfill, slurry backfilling the 12 kV getaways, constructing a 138 kV bypass in the upper yard, removing the former substation security fence in the upper yard, excavating and installing storm drain pipes in the lower yard, and conducting hazardous materials

abatement at the former utility structure. In addition, SDG&E conducted routine inspection and maintenance activities between November 1 and 30, 2018. Inspection activities included weekly inspections of the substation boundary for cleanliness as well as weekly Stormwater Pollution Prevention Plan (SWPPP) inspections to ensure there were no best management practice (BMP) deficiencies or potential non-compliance incidents.

Project compliance during the November 2018 monitoring period was achieved through regular communication with and reporting by SDG&E. Communication between the CPUC/E & E compliance team and SDG&E has been regular and effective. SDG&E's monthly environmental compliance report for November 2018 provides a compliance summary and includes a description of construction activities, a look-ahead construction schedule, a monthly biological monitoring report, a summary of compliance with project commitments (MMs/APMs), a summary of non-compliance incidents and public complaints (as applicable), a record of SOCRE Project personnel that received safety and environmental awareness training during the reporting month, and a list of upcoming or pending minor project refinements and outstanding agency deliverables.

Overall, the SOCRE Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) based on adherence to applicable MMs and APMs and satisfaction of pre-construction requirements and conditions of approval for NTP #1, NTP #2, NTP #2 Addendum 1, and NTP #3.

Compliance Incidents

There were no compliance incidents during November 2018.

Public Concerns

One complaint was received during the November 2018 reporting period. On November 14, 2018, SDG&E received an email from a resident whose property is adjacent to the San Juan Capistrano Substation site who was concerned with the dust from construction activities.

The SDG&E Lead Environmental Inspector directed the dust control water truck to wet down the areas near the resident's property and throughout the site as necessary. The SDG&E Lead Environmental Inspector noted that disturbed areas were wet down to mitigate fugitive dust throughout the day in compliance with MM AQ-1 and Rule 403 from the South Coast Air Quality Management District (SCAQMD). The SDG&E Lead Environmental Inspector noted that there was not excessive fugitive dust observed at any point during the day. The SDG&E External Relations Manager followed up with the resident on November 15, 2018 to ensure the resident did not have any further concerns.

Minor Approvals

There were no minor approvals during November 2018.

Sincerely,



Joseph Donaldson
CPUC Compliance Manager, Ecology and Environment, Inc.

cc: Katie Basinski, Environmental Project Manager, SDG&E

ATTACHMENT 1

CPUC Site Inspection Reports
November 2, 7, 15, and 27, 2018



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	November 2, 2018
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS013
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0700 to 0845
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, and NTP-3		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?			X
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?			X
Have wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?	X		

AREAS MONITORED (i.e., structure numbers, yards, or substations)

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived at the San Juan Capistrano Substation site at 0715. I spoke with the SDG&E Lead Environmental Inspector about construction activities at the site. There were no additional monitors (i.e., archaeological, cultural, etc.) onsite.

Some excavation work had been conducted east of the former utility structure (Photo 1). The SDG&E Lead Environmental Inspector indicated the excavation was for the storm drain system. Moisture barrier work continued on the southern boundary wall, which included painting the brick with a thick black sealant (Photo 2).

On the northern boundary wall, a moisture barrier was being installed on the exterior side of the wall (Photos 3 and 7). On the interior side of the northern boundary wall, the moisture barrier had been completed and backfilled (Photo 4). The mortar mixing station remained onsite for future brick laying work (Photo 5). All of the equipment was sealed up and contained, to the extent necessary.

Drip pans were in place under the parked equipment. The onsite water truck was regularly spraying the access roads with reclaimed water, and I did not observe any fugitive dust issues.

Conduit installation was ongoing in the two trenches associated with the two large vault boxes (Photo 6). The northern trench had conduit in place and was ready for pouring (Photo 8). The southern conduit trench was shored up and ready for the installation work (Photo 9).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and have hardhat stickers (MM HAZ-3, MM CUL-1). See the mitigation measures (MMs) listed in the observed activities.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on Stormwater Pollution Prevention Plan (SWPPP) preparations.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/02/18	San Juan Capistrano Substation		Photo 1 – Trench work near the former utility structure. Photo facing north.
11/02/18	San Juan Capistrano Substation		Photo 2 – Work on the southern boundary wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/02/18	San Juan Capistrano Substation		Photo 3 – Sealing the northern boundary wall. Photo facing north.
11/02/18	San Juan Capistrano Substation		Photo 4 – Backfilling has been completed along the inside of the northern boundary wall. Photo facing west.
11/02/18	San Juan Capistrano Substation		Photo 5 – Overview of the mortar mixing station. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/02/18	San Juan Capistrano Substation		Photo 6 – Installation of conduit vaults and pipe. Photo facing southwest.
11/02/18	San Juan Capistrano Substation		Photo 7 – Moisture barrier application along the outside of the northern boundary wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/02/18	San Juan Capistrano Substation		Photo 8 – Conduit installation. Photo facing west.
11/02/18	San Juan Capistrano Substation		Photo 9 – Conduit vault with shoring. Photo facing west.

Completed by:	CPUC/E&E Compliance Monitor
Date:	11/12/18

Reviewed by:	Manager
Date:	11/12/18



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	November 7, 2018
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS014
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0700 to 0830
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, and NTP-3		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?		X	
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarp, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?			X
Have wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?	X		

AREAS MONITORED (i.e., structure numbers, yards, or substations)

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived onsite at 0700. The SDG&E Lead Environmental Inspector and SDG&E Environmental Coordinator were both onsite. The SDG&E Environmental Coordinator was filling in for the SDG&E Lead Environmental Inspector who had to leave the site later in the day.

Work continued on the foundation to the east of the former utility structure, including rebar installation (Photo 1). Concrete was scheduled to be poured in this area during the following one to two days; a concrete washout station was onsite.

Moisture barrier work continued on the southern boundary wall, including installation of a moisture barrier and drainage piping (Photo 2). The same work was also being conducted on the northern boundary wall (Photo 3). A windrow of excess soil was stockpiled along the inside of the northern boundary wall (Photo 4). I spoke with the SDG&E Environmental Coordinator about the need for dust control at this location.

The onsite water truck was regularly spraying the access roads with reclaimed water. I did not observe any fugitive dust issues. Both of the conduit trenches associated with the large vault boxes had been slurried (Photo 6). The southern conduit trench needed additional slurry to stabilize the vertical piping, which was expected to be completed on the day of my site visit (Photo 7).

The official rainy season has started, and best management practices (BMPs) need to be in place or, at a minimum, stockpiled onsite. The onsite catch basin needs upgrades (Photo 8). I spoke with the SDG&E Lead Environmental Inspector about the plan for a predicted storm system.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and have hardhat stickers (MM HAZ-3, MM CUL-1). See the mitigation measures (MMs) listed in the observed activities.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on Stormwater Pollution Prevention (SWPPP) preparations.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/07/18	San Juan Capistrano Substation		Photo 1 – Rebar installation in the trench near the former utility structure. Photo facing north.
11/07/18	San Juan Capistrano Substation		Photo 2 – Work on the southern boundary wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/07/18	San Juan Capistrano Substation		Photo 3 – Sealing the outside of the northern boundary wall. Photo facing north.
11/07/18	San Juan Capistrano Substation		Photo 4 – Excess soil along the northern boundary wall. Photo facing west.
11/07/18	San Juan Capistrano Substation		Photo 5 – Overview of the western half of the San Juan Capistrano Substation site. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/07/18	San Juan Capistrano Substation		Photo 6 – Conduit vaults and pipe installation. Photo facing west.
11/07/18	San Juan Capistrano Substation		Photo 7 – Slurry poured in the conduit trench. Photo facing west.
11/07/18	San Juan Capistrano Substation		Photo 8 – Storm water catch basin. Photo facing southwest.

Completed by:	CPUC/E&E Compliance Monitor
Date:	11/19/18

Reviewed by:	Manager
Date:	11/19/18



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	November 15, 2018
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS015
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear, sunny, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0700 to 0900
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, and NTP-3		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?		X	
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?			X
Have wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?	X		

AREAS MONITORED (i.e., structure numbers, yards, or substations)

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived onsite for the 0700 tailboard meeting. The SDG&E Lead Environmental Inspector and SDG&E Environmental Coordinator were both onsite. The SDG&E Environmental Coordinator was filling in for the SDG&E Lead Environmental Inspector who had to leave the site later in the day. I briefly spoke at the tailboard meeting about ensuring the site was maintained before the Thanksgiving holiday weekend, specifically in terms of trash removal, dust control, best management practices (BMPs), and site drainage.

Several concrete washout bins were onsite. The two in use were covered and well contained (Photo 1). A large drainpipe was being installed east of the former utility structure (Photo 2). In addition to the drainpipe installation, a variety of excavation activities were being conducted within the San Juan Capistrano Substation site, including some trenching (Photo 4) and drilling for a tower foundation (Photo 5) in the Capistrano Substation area, and earthwork in the northwestern portion of the San Juan Capistrano Substation site (Photo 8). Based on the activities being conducted, a paleontological resources monitor, archaeological resources monitor, and cultural resources monitor were scheduled to be onsite. To date, nothing of significance had been discovered by the monitors; however, a number of old bottles have been exposed during excavation activities.

Work continued on the southern boundary wall, including backfilling behind the wall (Photo 3). Work along the northern boundary wall included digging and forming the "V" ditch along the exterior portion of the wall (Photo 6) and earth moving near the interior portion of the wall (Photo 7).

The conduit trenches associated with the large vault boxes had been slurried and backfilled (Photo 9).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and have hardhat stickers (MM HAZ-3, MM CUL-1). See the mitigation measures (MMs) listed in the observed activities.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Checking in on Stormwater Pollution Prevention Plan (SWPPP) preparations.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/15/18	San Juan Capistrano Substation		Photo 1 – Concrete washout basins, covered and contained.
11/15/18	San Juan Capistrano Substation		Photo 2 – Storm drain system being installed. Photo facing north.
11/15/18	San Juan Capistrano Substation		Photo 3 – Backfilling behind the southern boundary wall. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/15/18	San Juan Capistrano Substation		Photo 4 – Trenching within the Capistrano Substation. Photo facing east.
11/15/18	San Juan Capistrano Substation		Photo 5 – Foundation drilling within the Capistrano Substation. Photo facing west.
11/15/18	San Juan Capistrano Substation		Photo 6 – “V” ditch being formed outside of the northern boundary wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/15/18	San Juan Capistrano Substation		Photo 7 – Earthwork along the northern boundary wall. Photo facing west.
11/15/18	San Juan Capistrano Substation		Photo 8 – Earthwork being conducted in the northwest corner of the San Juan Capistrano Substation site. Photo facing west.
11/15/18	San Juan Capistrano Substation		Photo 9 – Conduit poured and backfilled. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/15/18	San Juan Capistrano Substation		Photo 10 – Overview of the northwest portion of the San Juan Capistrano Substation site. Photo facing northwest.

Completed by:	CPUC/E&E Compliance Monitor
Date:	11/25/18

Reviewed by:	Manager
Date:	11/26/18



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	November 27, 2018
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS016
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear, sunny, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0700 to 0930
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, and NTP-3		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?		X	
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarp, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?			X
Have wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?	X		

AREAS MONITORED (i.e., structure numbers, yards, or substations)

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived onsite at 0700 and checked in with the SDG&E Lead Environmental Inspector at around 0730. The SDG&E Lead Environmental Inspector indicated that the previous week's storm produced approximately 0.3 inch of rain and there were no rainwater runoff issues. A larger storm system was predicted for the following day or two. The SDG&E Lead Environmental Inspector and I surveyed the site to determine locations where potential runoff issues could arise. Based on the survey, it appears the entire San Juan Capistrano Substation site will drain toward the southwest corner of the site where a small catch basin has been put in place (Photo 10). Water runs directly into an offsite drain from this catch basin. The SDG&E Lead Environmental Inspector and I discussed upgrading the catch basin, adding more best management practices (BMPs) throughout the site, and hydromulching the exposed ground. The SDG&E Lead Environmental Inspector planned to speak with the contractor that afternoon.

Work at the San Juan Capistrano Substation site included backfilling the storm drain pipe located just east of the former utility structure (Photo 1). Earthwork was being conducted at two locations within the San Juan Capistrano Substation site. At the first location, a dozer and front loader were working near the center of the San Juan Capistrano Substation site (Photo 2). At the second location, an excavator was in use near the northwest corner of the site (Photo 7) The paleontological resources monitor was onsite overseeing this work.

The northern boundary wall was being prepared for pouring a portion of the "brow ditch" that runs along the outside of the wall. A pumper truck was being set up, and concrete trucks were expected to arrive later that morning (Photo 4). Brick had not been laid for the walls; therefore, the mortar mixing station remained idle and sealed (Photo 3).

A number of pieces of equipment were parked in the Capistrano Substation area, some of which needed drip pans (Photo 5). I mentioned this to the SDG&E Lead Environmental Inspector. Some of the wires crossing the site had been rerouted onto the newly installed poles in preparation of bringing more equipment into the San Juan Capistrano Substation site and moving the construction trailers to the site.

Foundation and wall work continued along the southern end of the San Juan Capistrano Substation site (Photos 8 and 9).

Photos 11 and 12 were taken by the SDG&E Lead Environmental Inspector the day after my site visit (November 28, 2018) to document that site preparations were completed ahead of the approaching storm system. Site preparations included additional straw wattles and hydromulching most of the exposed dirt.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and have hardhat stickers (MM HAZ-3, MM CUL-1). See the mitigation measures (MMs) listed in the observed activities.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on how the Stormwater Pollution Prevention Plan (SWPPP) preparations held up during the rain event.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

A larger catch basin in the southwestern corner of the San Juan Capistrano Substation site is recommended.

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/27/18	San Juan Capistrano Substation		Photo 1 – Backfilling the storm drain piping near the former utility structure. Photo facing north.
11/27/18	San Juan Capistrano Substation		Photo 2 – Equipment moving soil. Photo facing northwest.
11/27/18	San Juan Capistrano Substation		Photo 3 – Mortar mixing station.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/27/18	San Juan Capistrano Substation		Photo 4 – Pouring the “brow ditch” along the northern boundary wall. Photo facing west.
11/27/18	San Juan Capistrano Substation		Photo 5 – Equipment parked in the Capistrano Substation area. Photo facing south.
11/27/18	San Juan Capistrano Substation		Photo 6 – San Juan Capistrano Substation site overview. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/27/18	San Juan Capistrano Substation		Photo 7 – Excavator moving dirt near the southwestern corner of the San Juan Capistrano Substation site. Photo facing southwest.
11/27/18	San Juan Capistrano Substation		Photo 8 – Foundation work along the southern boundary. Photo facing east.
11/27/18	San Juan Capistrano Substation		Photo 9 – Foundation work along the southern boundary. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/27/18	San Juan Capistrano Substation		<p>Photo 10 – Rainwater catch basin in the southwestern corner of the San Juan Capistrano Substation site. Photo facing southwest.</p>
11/28/18	San Juan Capistrano Substation		<p>Photo 11 – Taken by the SDG&E Lead Environmental Inspector; site preparations, including hydromulching. Photo facing northeast.</p>
11/28/18	San Juan Capistrano Substation		<p>Photo 12 - Taken by the SDG&E Lead Environmental Inspector; site preparations, including hydromulching. Photo facing southwest.</p>

Completed by:	CPUC/E&E Compliance Monitor
Date:	12/07/18

Reviewed by:	Manager
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